

Method for coating synthetic articles and lacquer to be used for this method.

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Abstract

The invention relates to a process for coating a plastic substrate in which a paint (varnish) prepared by hydrolytic condensation of one or more hydrolysable silicon compounds in which from 1 to 40 mol% of all Si bonded groups are non-hydrolysable groups containing an ethylenically unsaturated bond, and additionally non-hydrolysable groups containing a mercapto radical are present in such an amount that the ratio between ethylenically unsaturated bonds and mercapto radicals is from 25:1 to 1:1, is applied to the plastic substrate, the paint is cured by irradiation and optionally post-cured thermally, or the paint is cured thermally. The invention also relates to a paint for use in this process.

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